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(54) CYLINDER BLOCK OF AN INTERNAL COMBUSTION ENGINE AND MANUFACTURE OF IT

posite member 12 are exposed is formed.

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(57) Abstract:

PROBLEM TO BE SOLVED: To prevent a mold cavity from being formed on a part surrounding a cylinder bore of a deck surface, concerning a cylinder block of an internal combustion engine provided with the cylinder bore opened to the deck surface to be brought in contact with a cylinder head.

SOLUTION: An annular inorganic fiber molding body 14 is pressed in the end of a cylinder liner 16. The inorganic fiber molding body 14 and a cylinder bore 16 are set in a mold of a cylinder block. Fused liquid is supplied to the mold to die-casting mold a block member 18. The inorganic fiber molding body 14 is changed to a metallic composite member 12 having no mold cavity by impregnation of the fused liquid. The cylinder liner 16 is cut until a rib disappears, and the cylinder bore in which the inner peripheral surface of the cylinder liner 16 and the inner peripheral surface of the metallic com-

